



chain nodes :

4 5 6 7 8 9 10 11 12 13 14 15 21 22 25 26 28

ring/chain nodes :

3

chain bonds :

3-21 3-22 4-5 4-6 6-7 8-9 10-11 11-12 13-14 14-15 25-26 25-28

exact/norm bonds :

3-21 3-22 4-5 4-6 6-7 10-11 11-12 13-14 25-28

exact bonds :

8-9 14-15 25-26

G1:Co,Fe,Ir,Mn,Ni,Os,Pd,Pt,Rh,Rn,Ru,Tc

G2:[*1],[*2],[*3],[*4]

G3:N,Ak

G4:H,D

G5:N,[*5]

Match level :

3:CLASS4:CLASS5:CLASS6:CLASS7:CLASS8:CLASS9:CLASS10:CLASS11:CLASS12:CLASS13:CLASS14:CLASS

FILE 'REGISTRY' ENTERED AT 15:17:20 ON 04 MAY 2007

L1 STRUCTURE UPLOADED
L2 50 S L1 SSS SAM
L3 STRUCTURE UPLOADED
L4 37 S L3 SSS SAM

FILE 'STNGUIDE' ENTERED AT 15:25:23 ON 04 MAY 2007

FILE 'REGISTRY' ENTERED AT 15:27:31 ON 04 MAY 2007

L5 STRUCTURE UPLOADED
L6 34 S L5 SSS SAM
L7 STRUCTURE UPLOADED
L8 0 S L7 SSS SAM
L9 0 S L7 SSS FUL
L10 STRUCTURE UPLOADED
L11 0 S L10 SSS SAM
L12 STRUCTURE UPLOADED
L13 50 S L12 SSS SAM
L14 17663 S L12 SSS FUL

FILE 'STNGUIDE' ENTERED AT 15:39:32 ON 04 MAY 2007

FILE 'HCAPLUS' ENTERED AT 16:21:08 ON 04 MAY 2007

L15 6382 S L14
L16 4428 S PLASMA SPRAY
L17 189958 S 15 AND 16
L18 0 S L15 AND L16
L19 22652 S SPRAY? (S) (PLASMA OR PYROL?)
L20 0 S L15 AND L19

FILE 'STNGUIDE' ENTERED AT 16:24:57 ON 04 MAY 2007

FILE 'HCAPLUS' ENTERED AT 16:34:47 ON 04 MAY 2007

L21 14231 S (PREPAR? OR SYNTHESI? OR FORM? OR PRODUC?) (S) (METAL (3A) PO
L22 6 S L14 AND L21
L23 103 S L19 (S) L21
L24 108236 S PHOSPHINE OR PHOSPHITE
L25 0 S L23 AND L24
L26 7 S L21 (S) L24
L27 186715 S (DEGRAD? OR DECOMPOS? OR DISSOCIAT?) (4A) (HEAT OR THERMAL? O
L28 702 S L24 (S) L27
L29 3 S L28 (S) POWDER
L30 12 S L22 OR L26
L31 3 S L29 NOT L30
L32 1 S L19 (S) L24
L33 239 S CHEMICAL? (3A) DEPOSIT? (S) L24
L34 0 S L19 AND L33
L35 56 S L33 AND (PLASMA OR FLAME OR PYROL?)

FILE 'STNGUIDE' ENTERED AT 17:01:48 ON 04 MAY 2007

FILE 'HCAPLUS' ENTERED AT 17:07:17 ON 04 MAY 2007

L36 5406673 S METAL OR IRON OR RUTHENIUM OR OSMIUM OR COBALT OR RHODIUM OR
L37 38782 S L24 (S) L36
L38 7 S L21 (S) L37
L39 0 S L38 NOT (L30 OR L31)
L40 6 S L15 AND L21
L41 182 S L37 (S) L27
L42 0 S L21 AND L41
L43 0 S L21 AND L28
L44 0 S L21 (S) L35

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2894	(plasma or pyroly\$) near4 (spray or atomiz\$ or droplets or liquid or mist) with powder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/04 17:44
L2	632	1.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/04 17:44
L3	122132	phosphine or \$phosphite	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/04 17:47
L4	1	2 and 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/04 17:48
L5	64	1 and 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/04 18:32
L6	18586968	metal or manganese or technetium or rhenium or iron or ruthenium or osmium or cobalt or rhodium or iridium or nickel or palladium or platinum or Mn or Tc or Re or Fe or Ru or Os or Co or Rh or Ir or Ni or Pt or Pd	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/04 18:49
L7	42743	3 with 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/04 18:36
L8	23659	(method or process or approach or technique) near4 (form\$3 or mak\$3 or made or prepar\$3 or produc\$3 or manufactur\$3) with 6 near5 powder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/04 19:03
L9	354	7 and 8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/04 18:41

EAST Search History

L11	8705	8.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/04 18:41
L12	28	9 and 11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/04 18:41
L13	280	(heat or thermal\$2 or plasma) with (degrad\$ or decompos\$ or dissociat\$3) with 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/04 19:24
L14	18734	3 near3 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/04 19:00
L15	188498	"423"/\$.ccls. "502"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/04 19:14
L16	176	1 and 15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/04 19:22
L17	2312	427/446,452,455,456.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/04 19:23
L18	5	14 and 17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/04 19:24
L19	4580	14 near8 complex	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/04 19:24
L20	132	19 with (degrad\$ or decompos\$ or dissociat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/04 19:25

=> D HIS

(FILE 'HOME' ENTERED AT 14:06:32 ON 04 MAY 2007)

FILE 'HCAPLUS' ENTERED AT 14:06:47 ON 04 MAY 2007

L1 6803 S CHOI H?/AU
L2 19456 S ORGANOMETAL?/TI
L3 154734 S POWDER?/TI
L4 1 S L1 AND L2 AND L3
SEL RN

FILE 'REGISTRY' ENTERED AT 14:08:15 ON 04 MAY 2007

L5 85 S E1-E85
L6 74 S L5 AND M/ELS AND P/ELS
L7 0 S L6 AND N/ELS
L8 0 S L6 AND D/ELS

FILE 'LREGISTRY' ENTERED AT 14:18:28 ON 04 MAY 2007

L9 STR
L10 0 S L9

FILE 'REGISTRY' ENTERED AT 14:19:01 ON 04 MAY 2007

L11 0 S L9
L12 STR L9
L13 1 S L12
L14 STR L9
L15 0 S L14

FILE 'REGISTRY' ENTERED AT 14:22:42 ON 04 MAY 2007

L16 0 S L14
L17 12 S L14 FUL
L18 1 S L17 AND 36/C
L19 1 S L17 AND 6/C
L20 STR 922490-39-9